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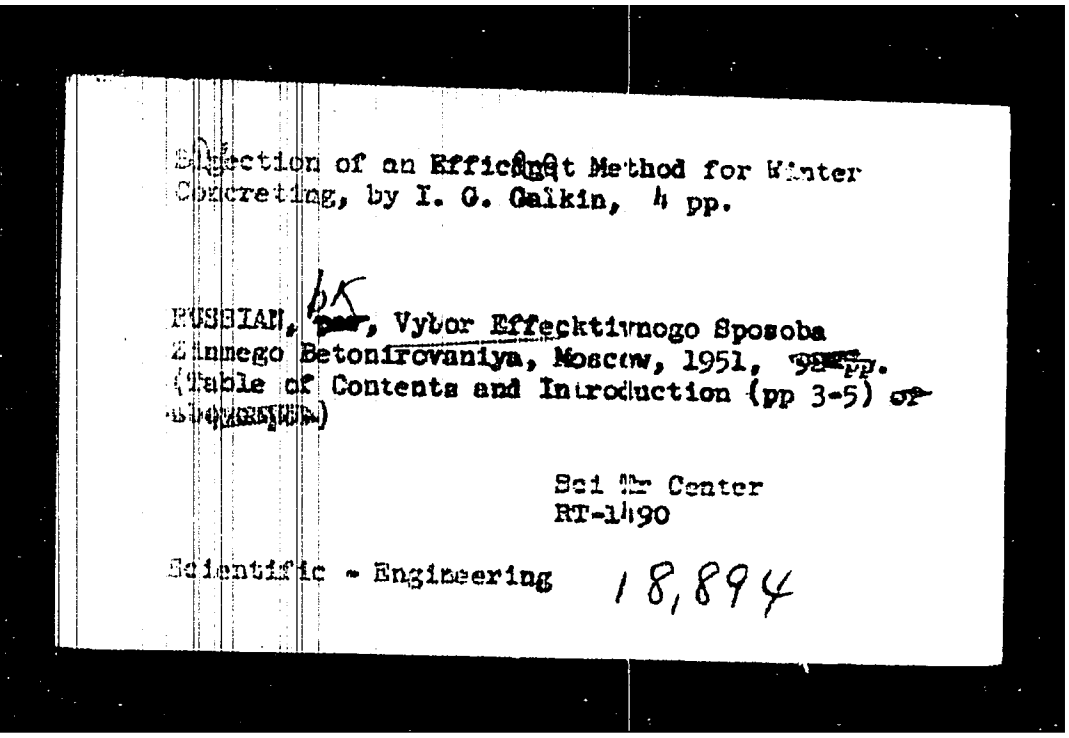

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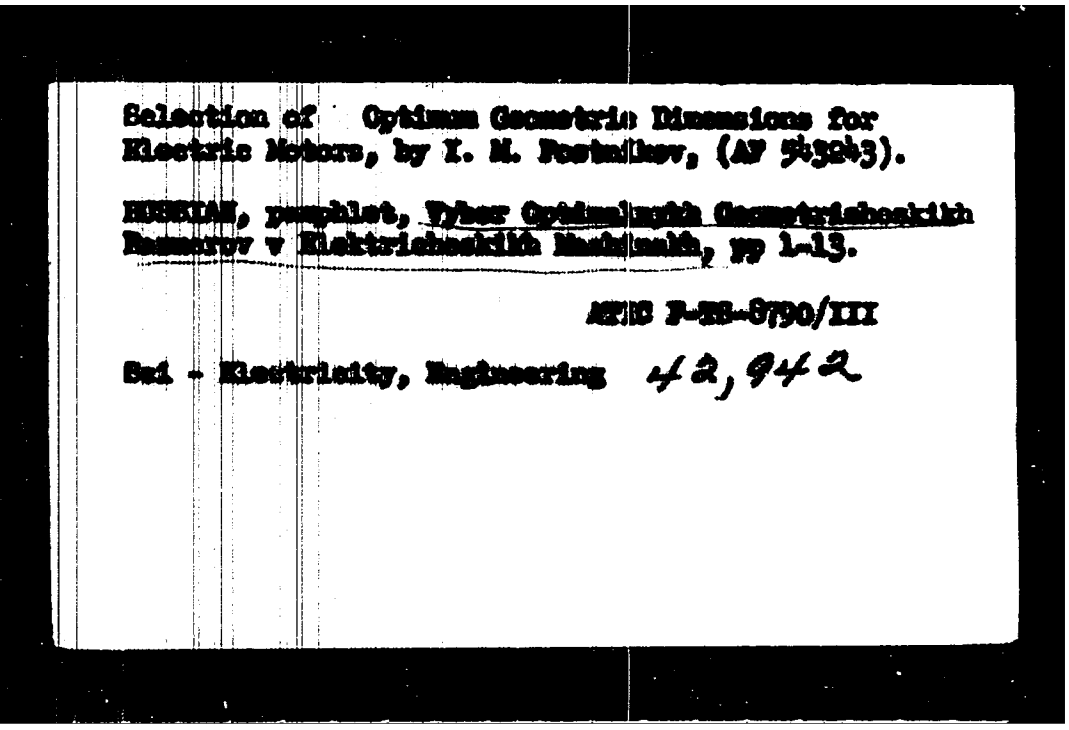

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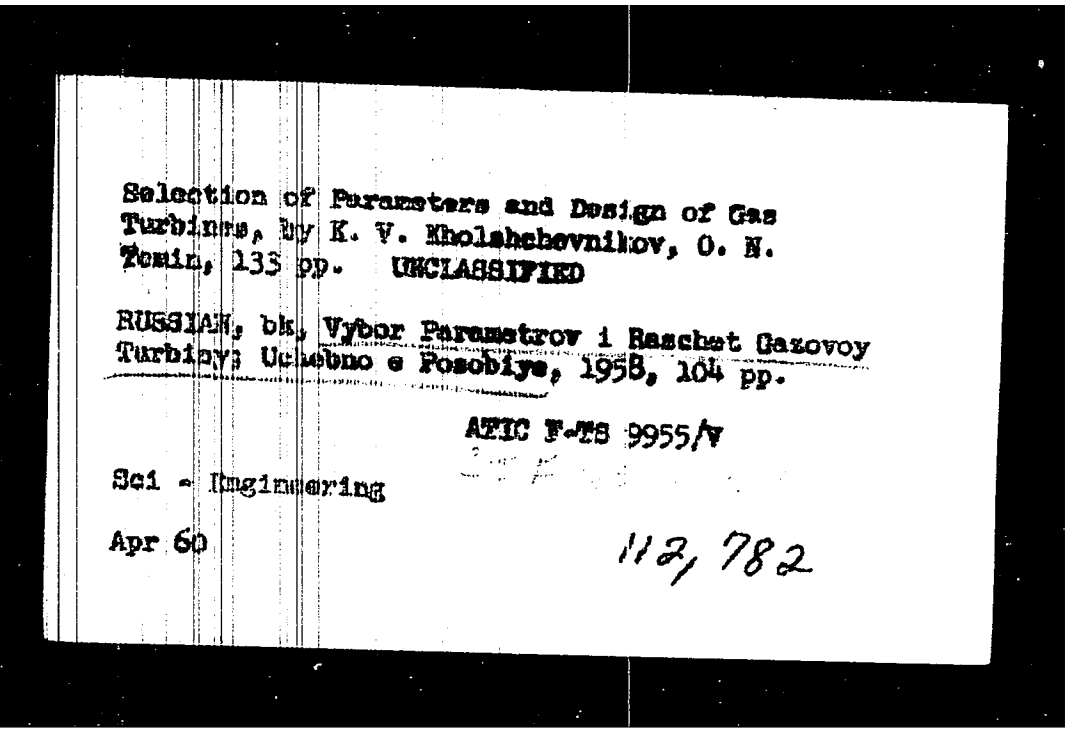

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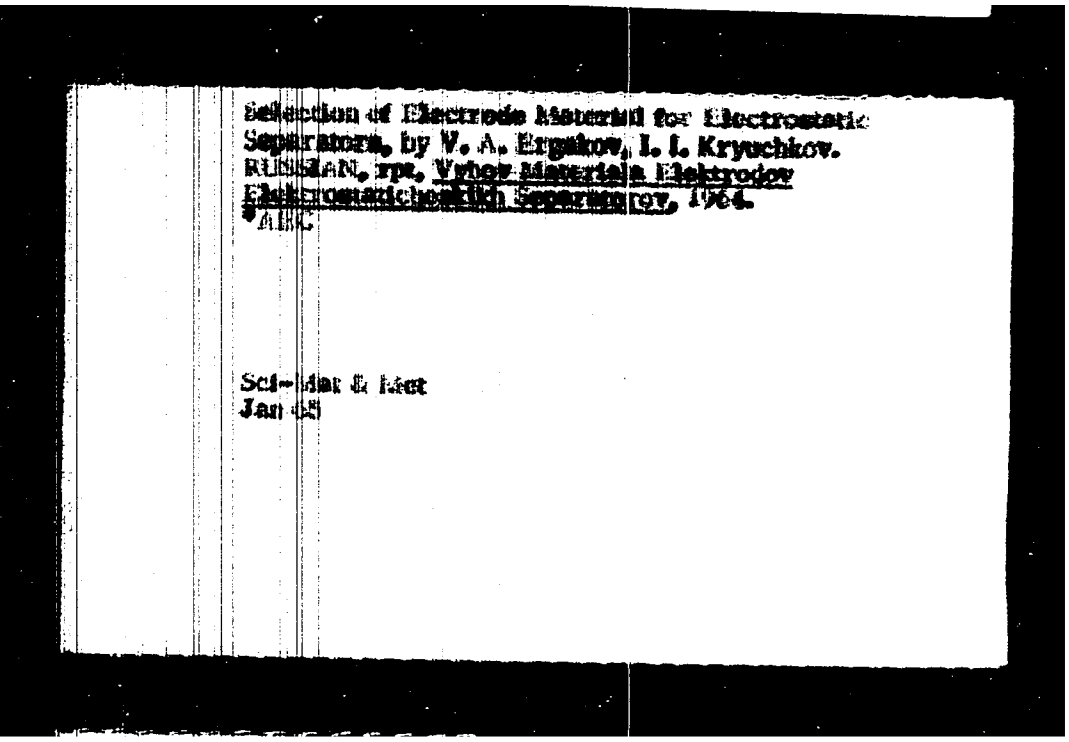

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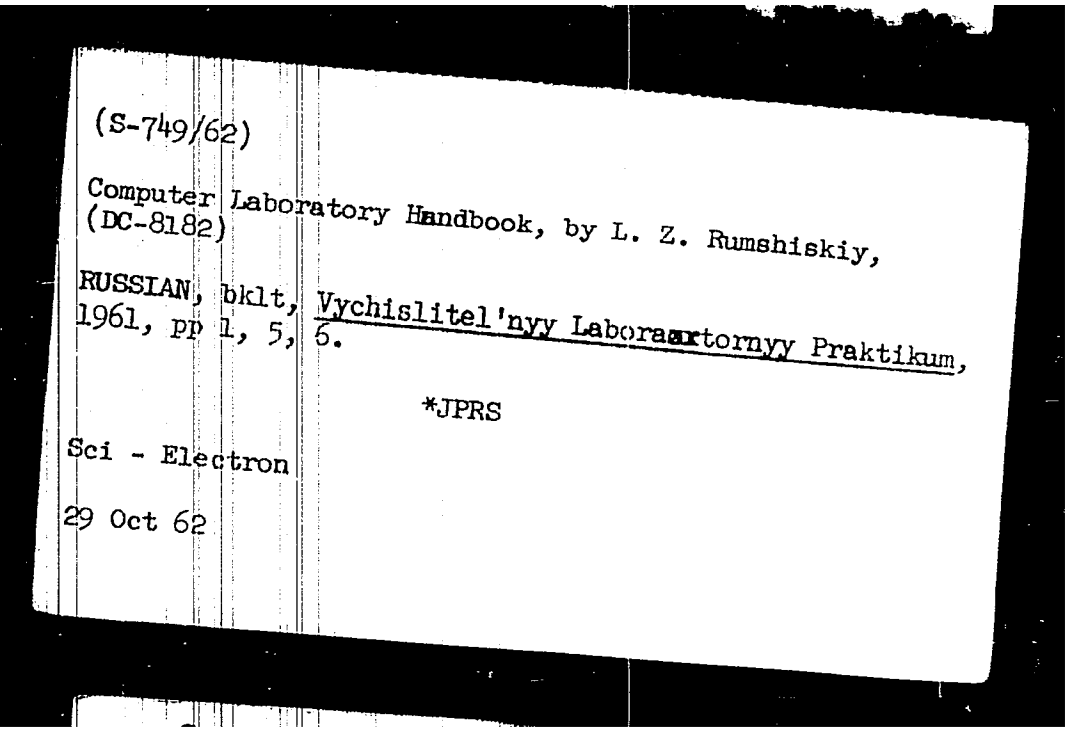

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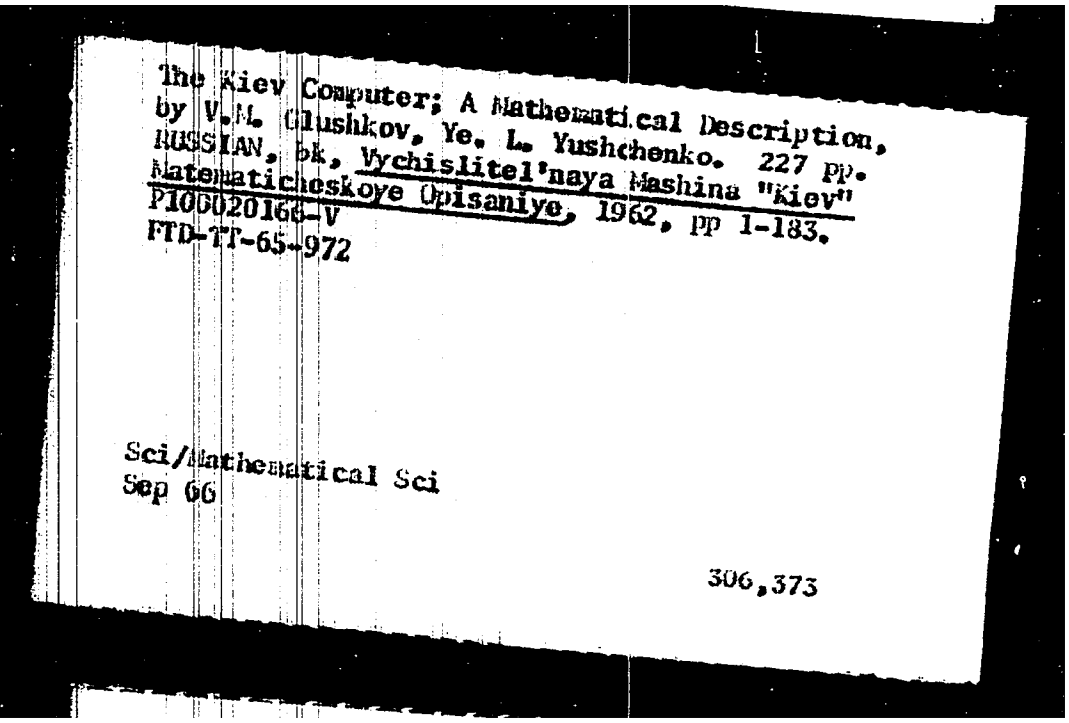

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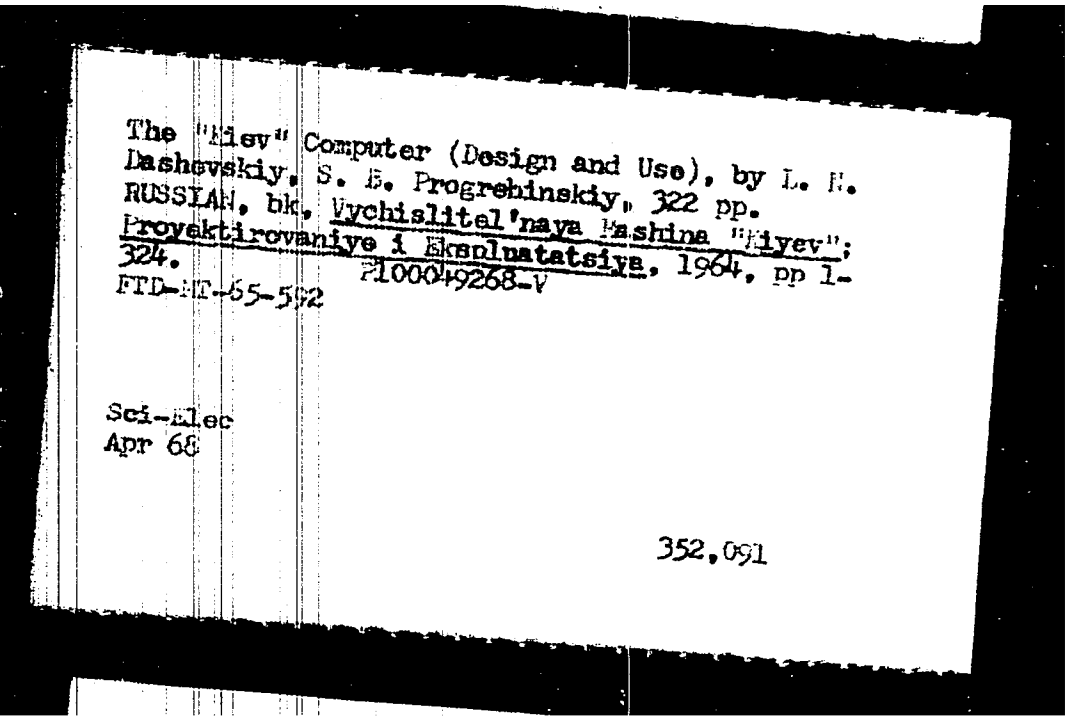

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COMPUTATION OF SUBSONIC FLOW OF GAS PAST ARBITRARY PROFILES AND BODIES OF REVOLUTION (THE SYMMETRIC CASE). [1962] 18p. 6 refs. Order from OTS or SLA $1.60 62-16391

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DESCRIPTORS: Measurement, *Subsonic flow, *Numerical methods and procedures, *Gas flow, *Axially symmetric flow, *Bodies of revolution, Fluid dynamic properties.

In this paper we are concerned with the approximate computation of subsonic flow past a symmetric profile and body of revolution with zero angle of incidence of flow. Computations are carried out on the basis of a numerical method advanced by the member of academy (Mechanics--Aerodynamics, TT, v. 9, no. 10) (over)

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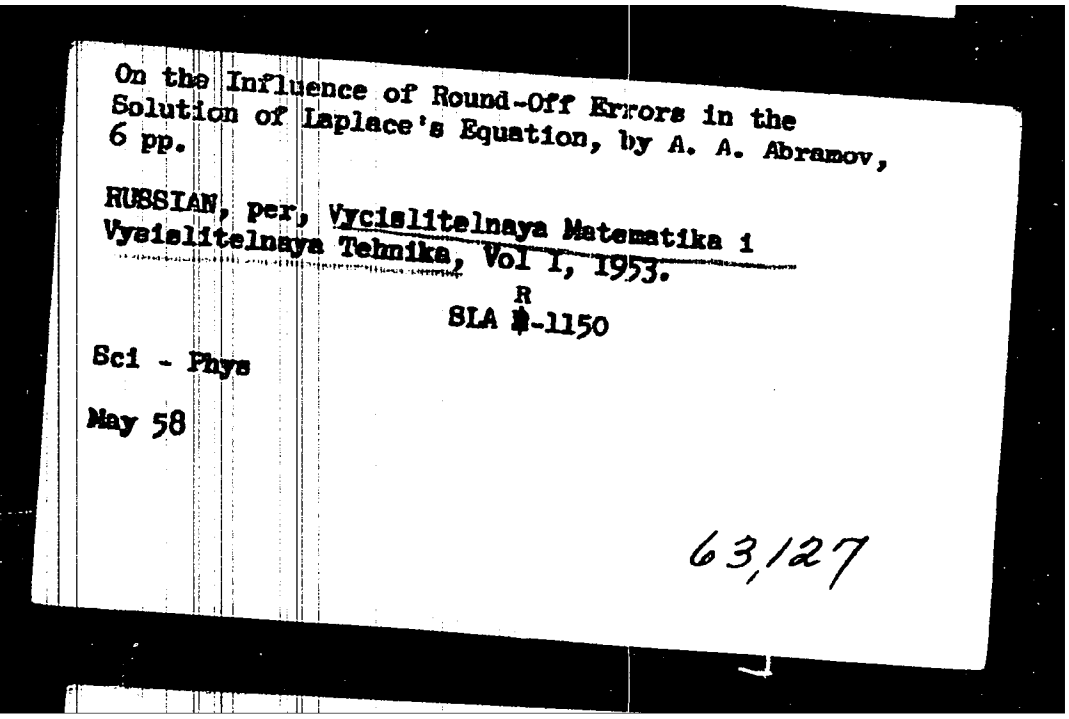

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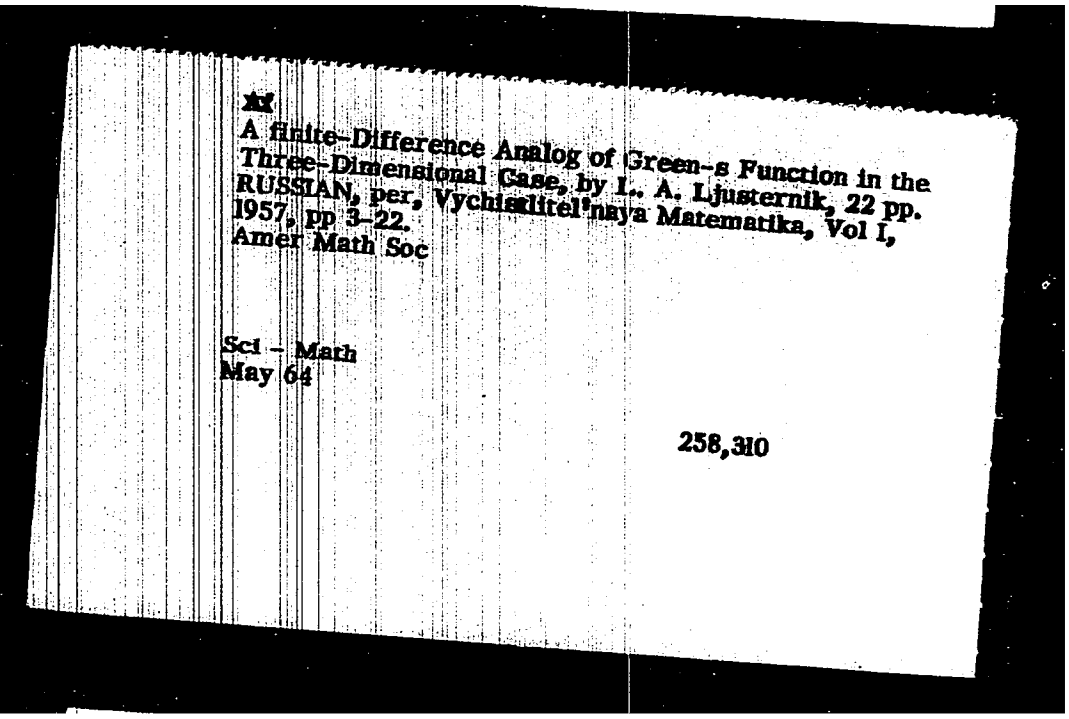

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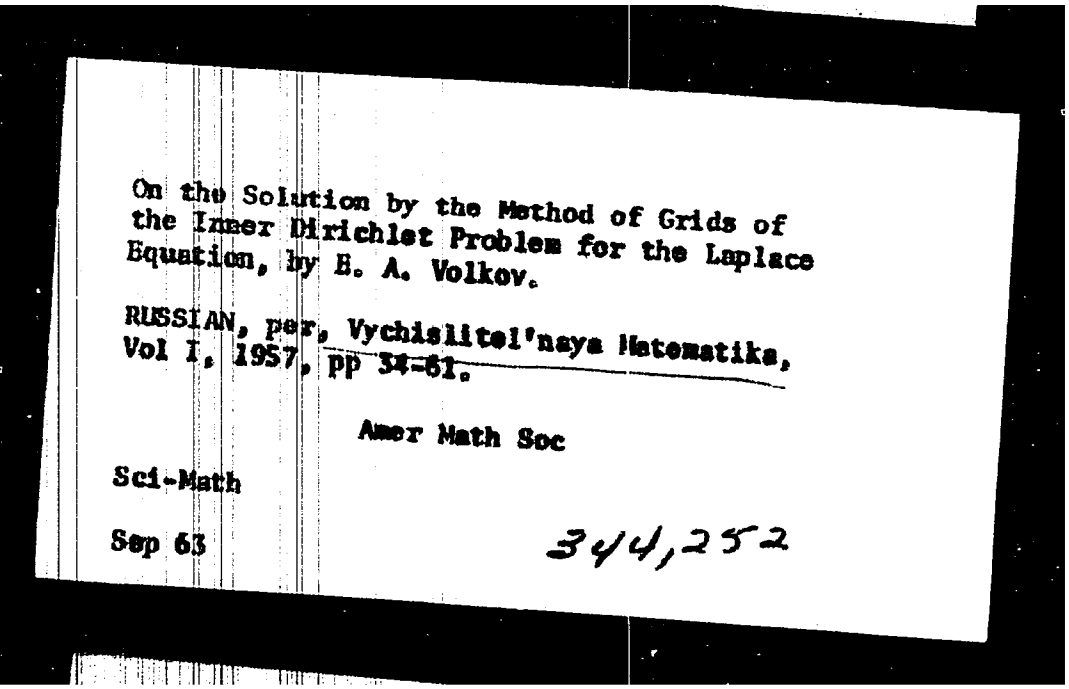

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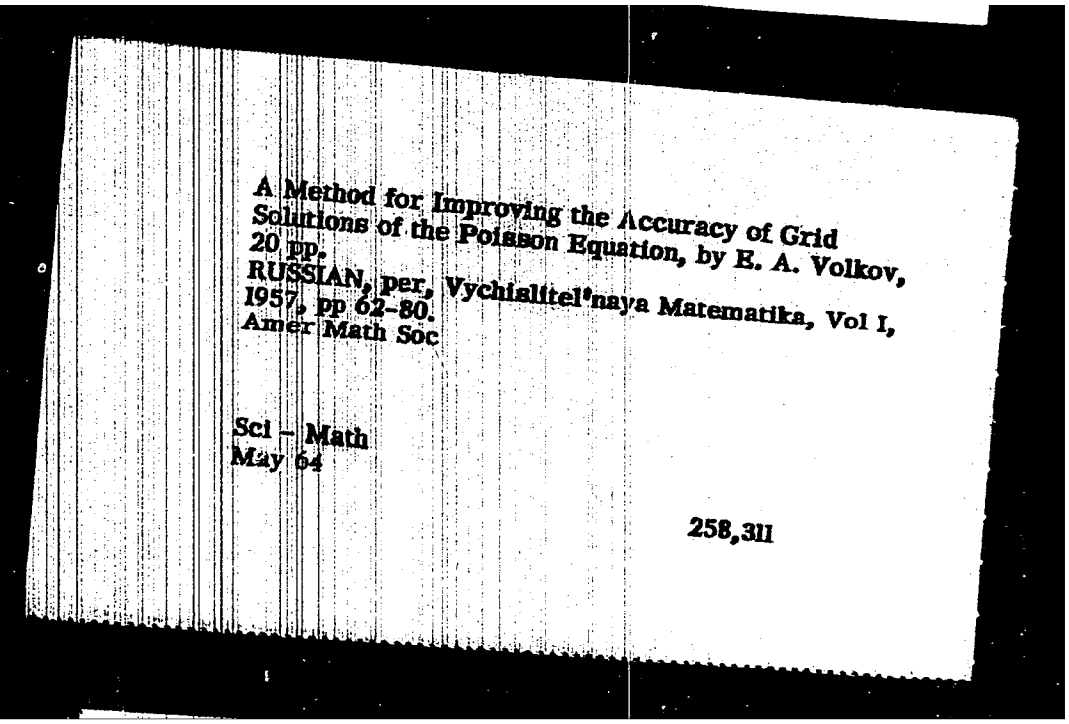

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DESCRIPTORS: *Gas flow, *Subsonic flow, Numerical analysis, Bodies of revolution, Ellipsoids, Aerodynamics, Boundary layer.

The integral relation method of A. A. Dorodnytsin, which consists of reducing nonlinear two-dimensional problems to numerical integration of systems of ordinary differential equations, are used to compute the subsonic flow of gas past ellipses and ellipsoids of revolution. Trial computations on the Besm com- (Mechanics--Aerodynamics, TT, v. 8, no. 9) (over)

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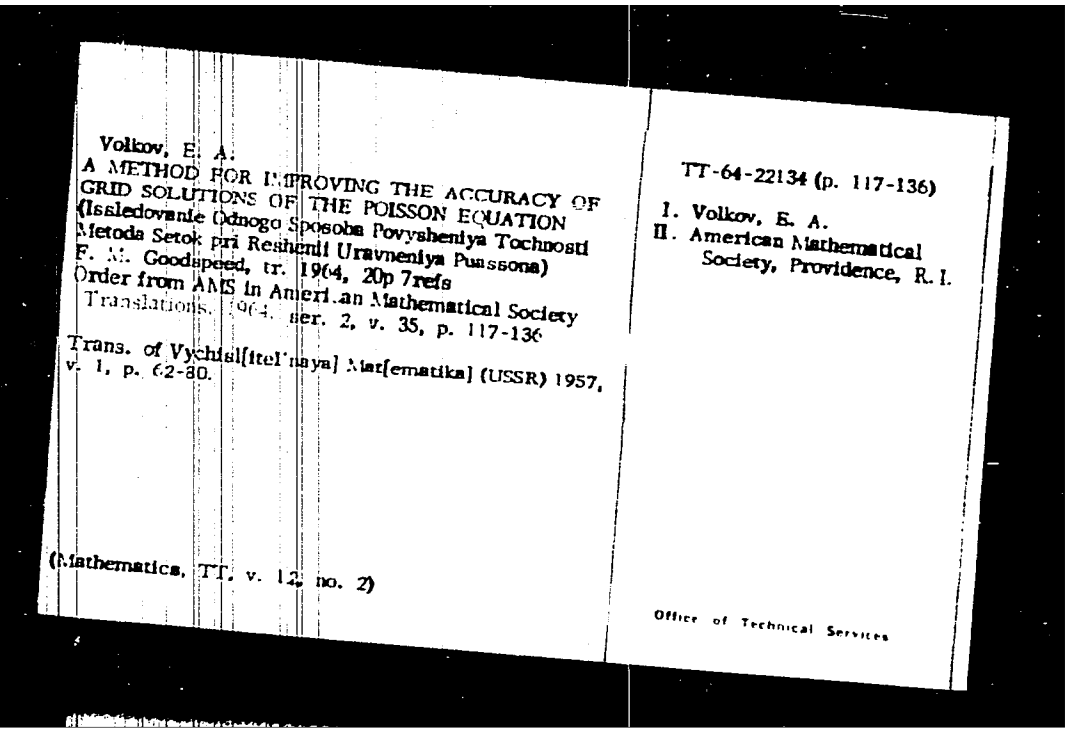

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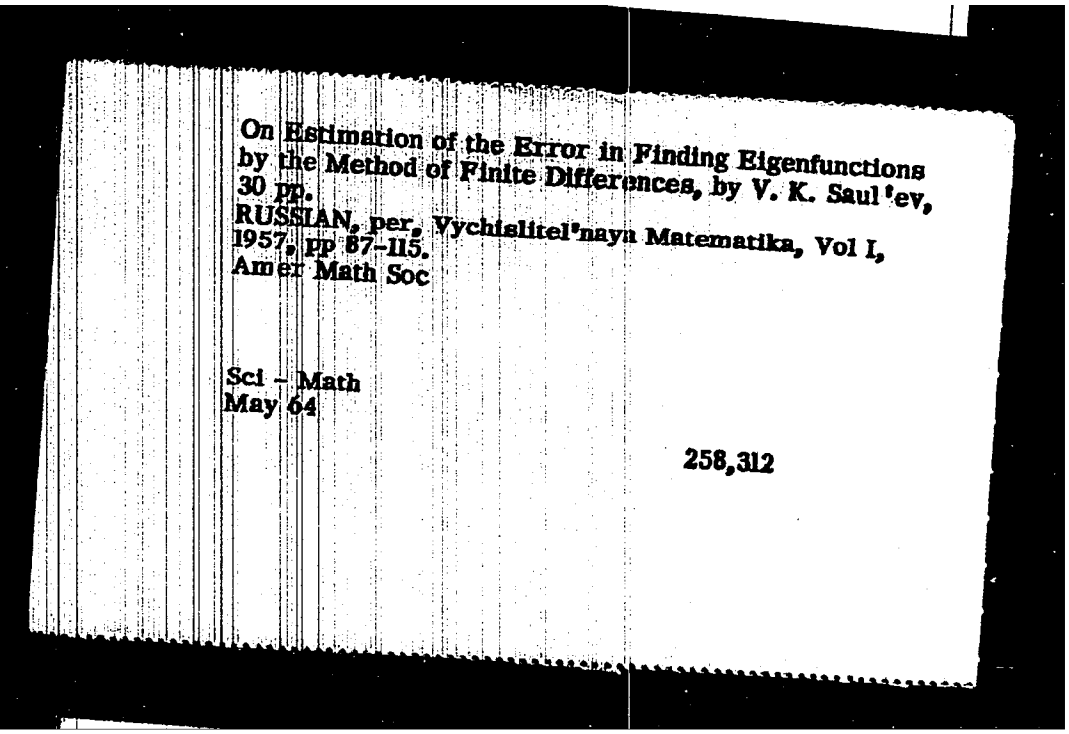

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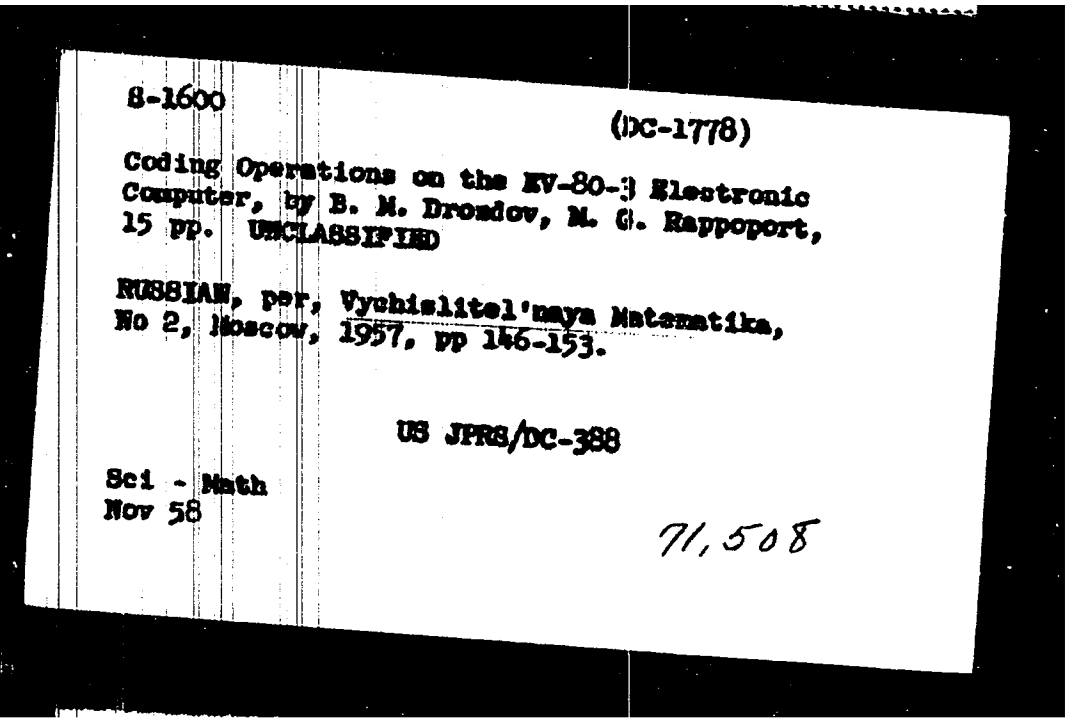

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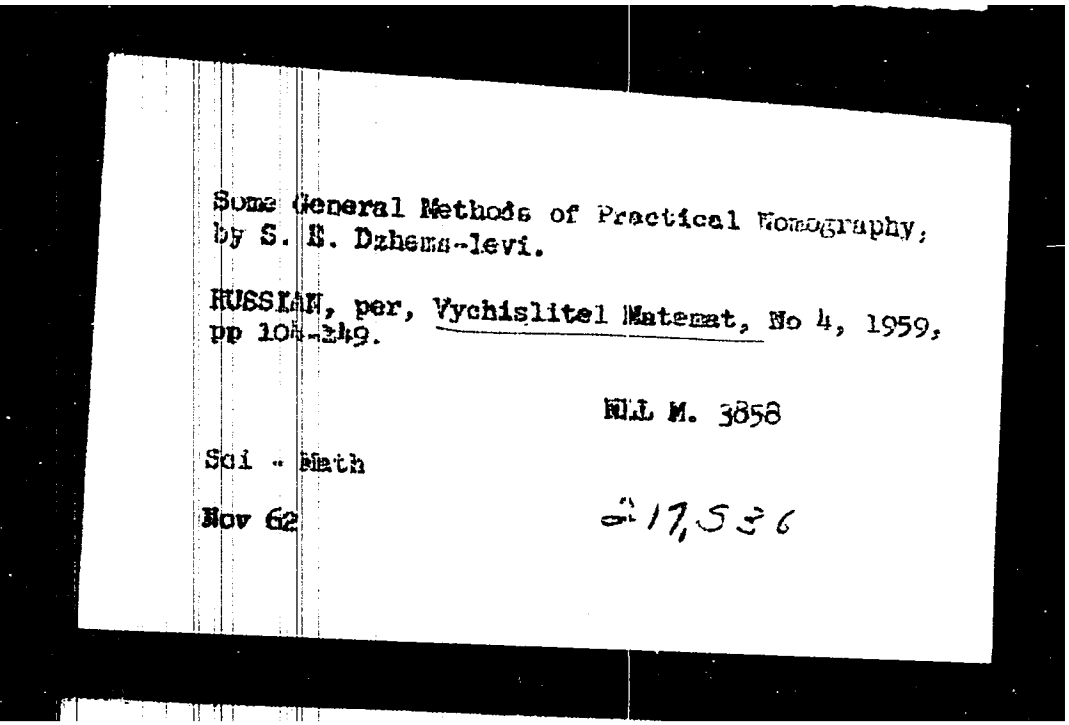

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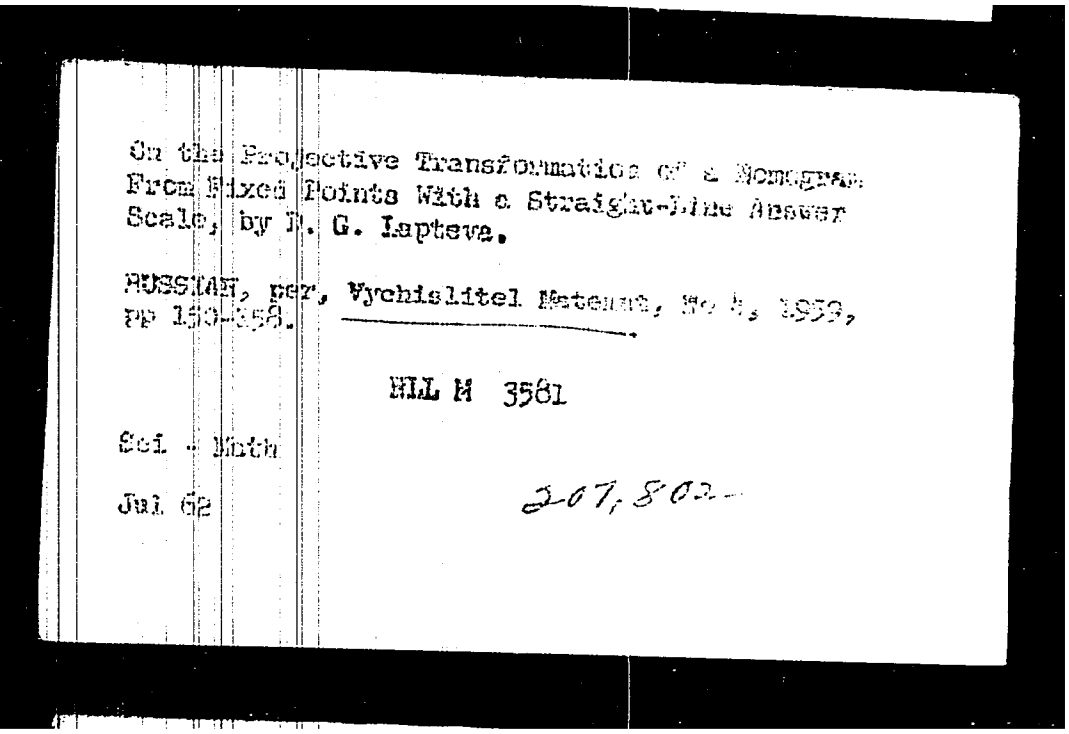

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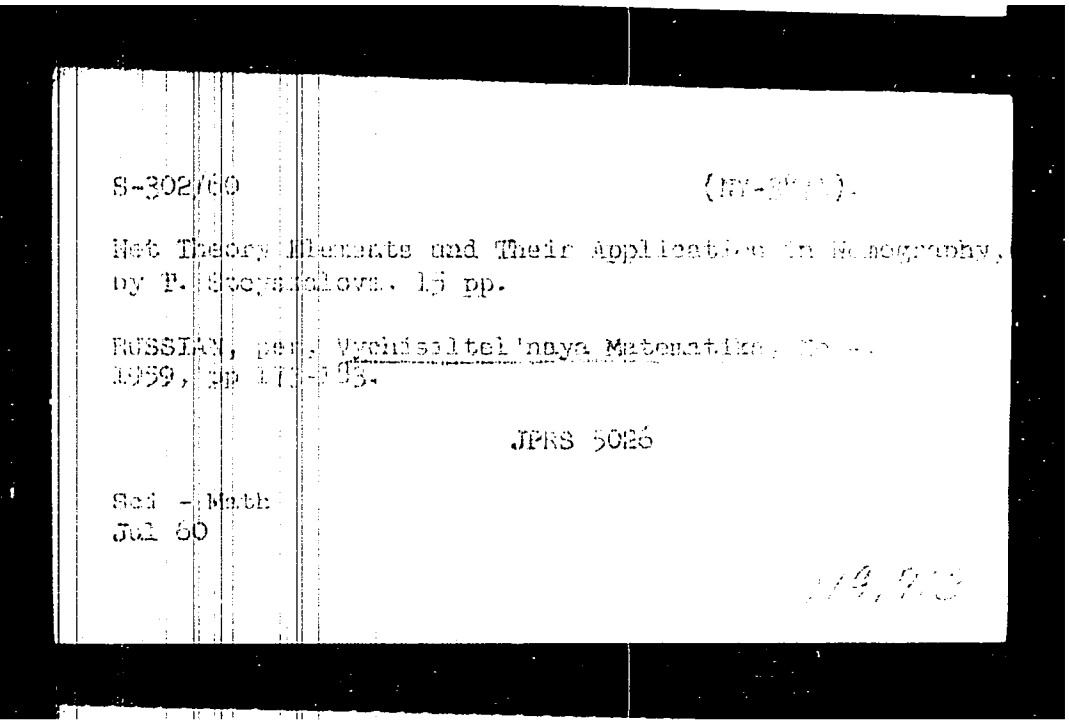

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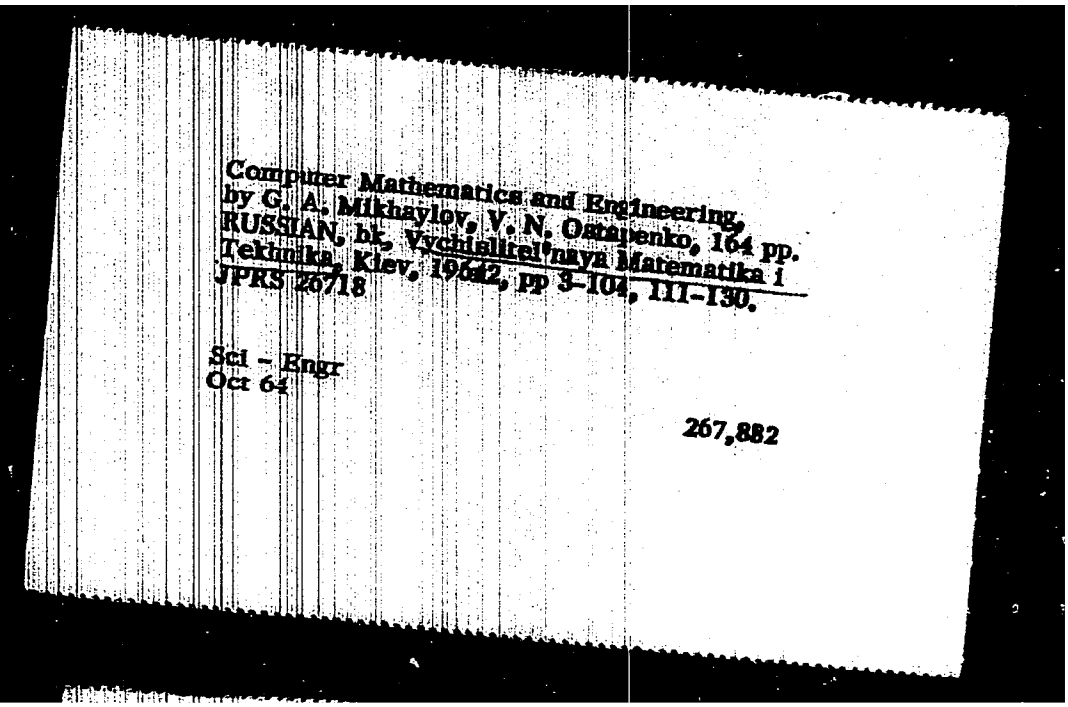
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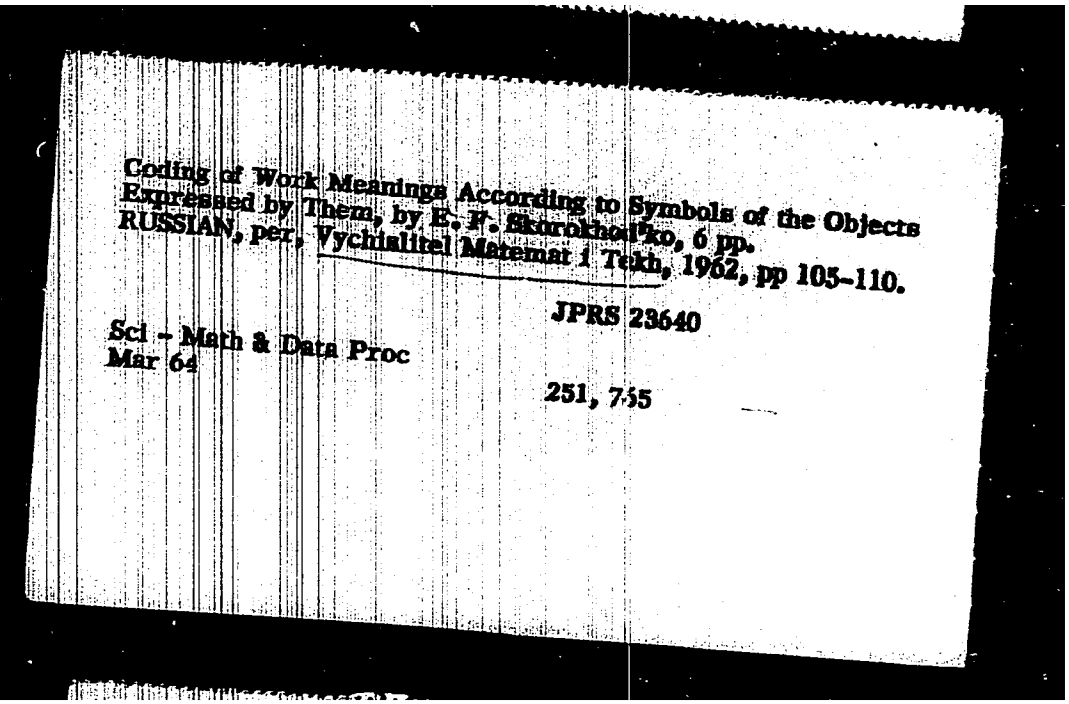

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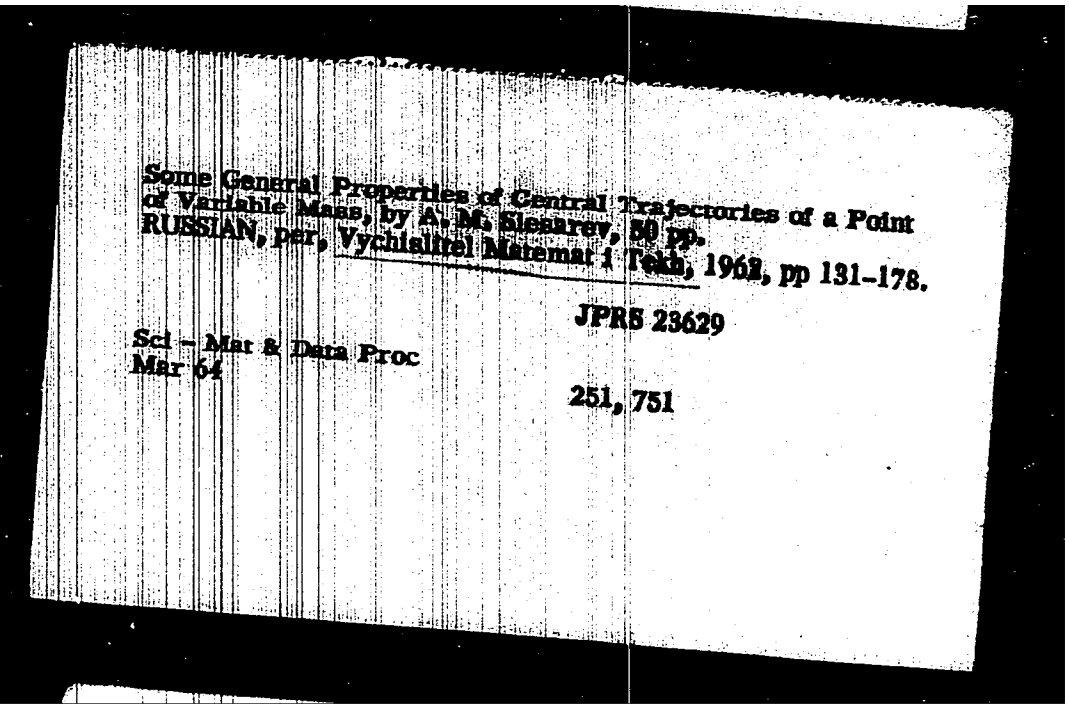

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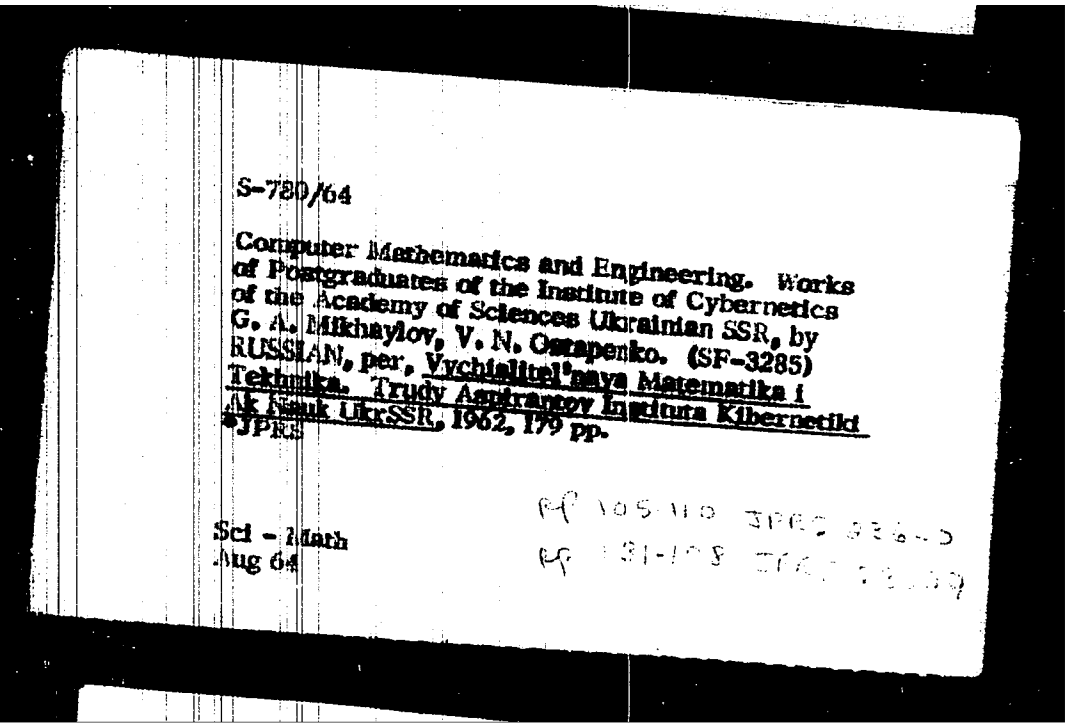

S-720/64

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Aug 64

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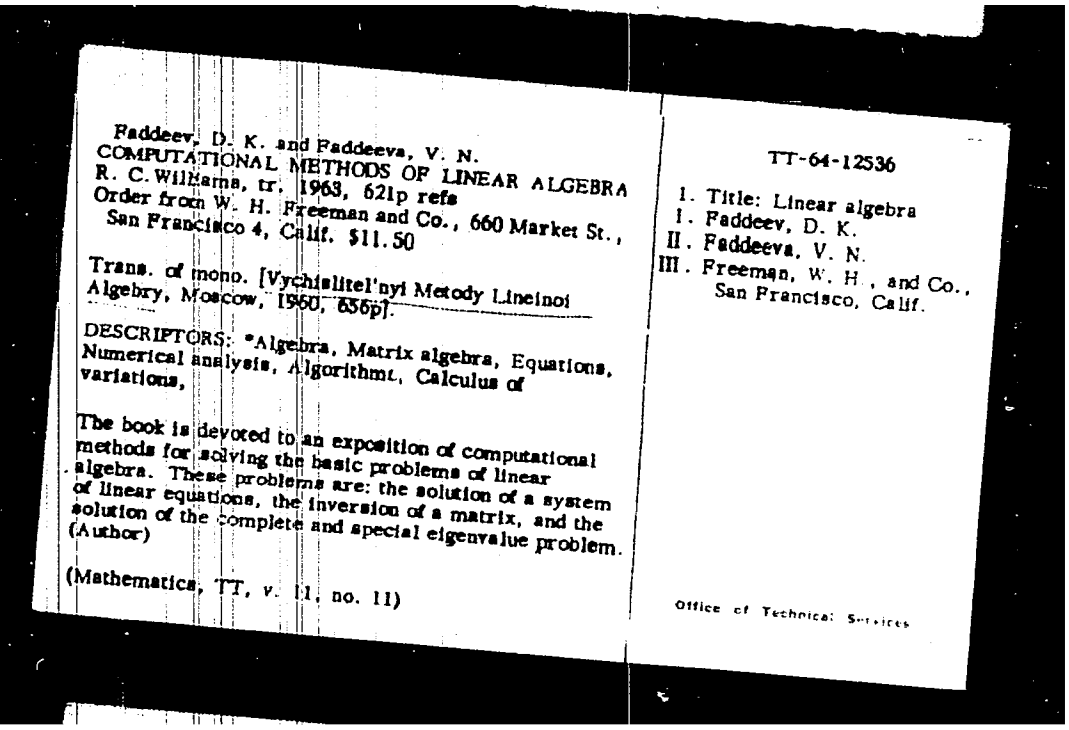

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R. C. Williams, tr. 1963, 621p refs
Order from W. H. Freeman and Co., 660 Market St., San Francisco 4, Calif. $11.50

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DESCRIPTORS: *Algebra, Matrix algebra, Equations, Numerical analysis, Algorithms, Calculus of variations,

The book is devoted to an exposition of computational methods for solving the basic problems of linear algebra. These problems are: the solution of a system of linear equations, the inversion of a matrix, and the solution of the complete and special eigenvalue problem. (Author)

(Mathematics, TT, v. 11, no. 11)

TT-64-12536

I. Title: Linear algebra
I. Faddeev, D. K.
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III. Freeman, W. H., and Co., San Francisco, Calif.

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FTD-TT-63-285

Sci-Phys
July 63

235,818

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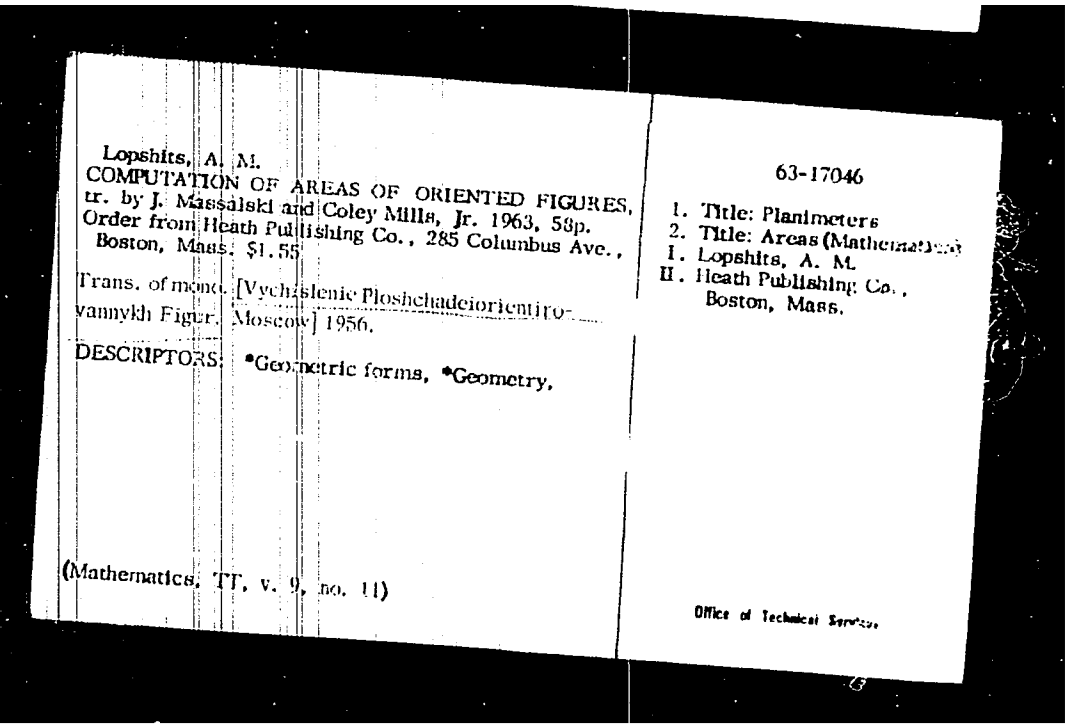

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DESCRIPTORS: *Geometric forms, *Geometry,

(Mathematics, TT, v. 9, no. 11)

63-17046

1. Title: Planimeters
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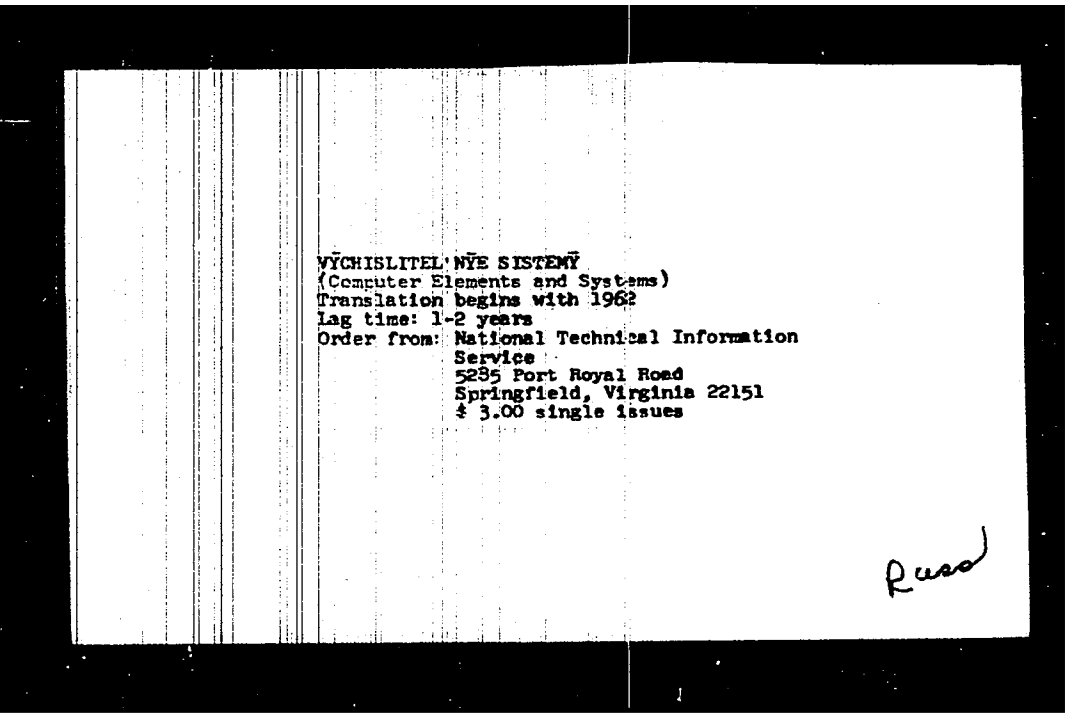

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(Computer Elements and Systems)
Translation begins with 1962
lag time: 1-2 years
Order from: National Technical Information
Service
5285 Port Royal Road
Springfield, Virginia 22151
$ 3.00 single issues

Read

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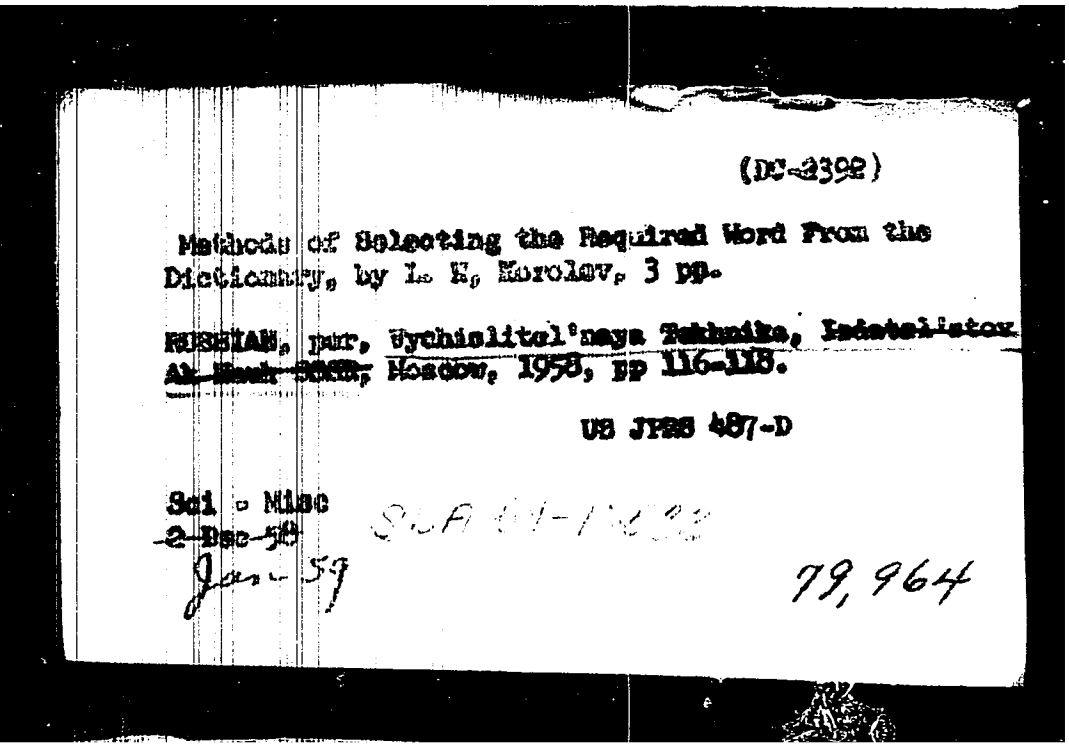

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2 Dec 58
Jan - 59

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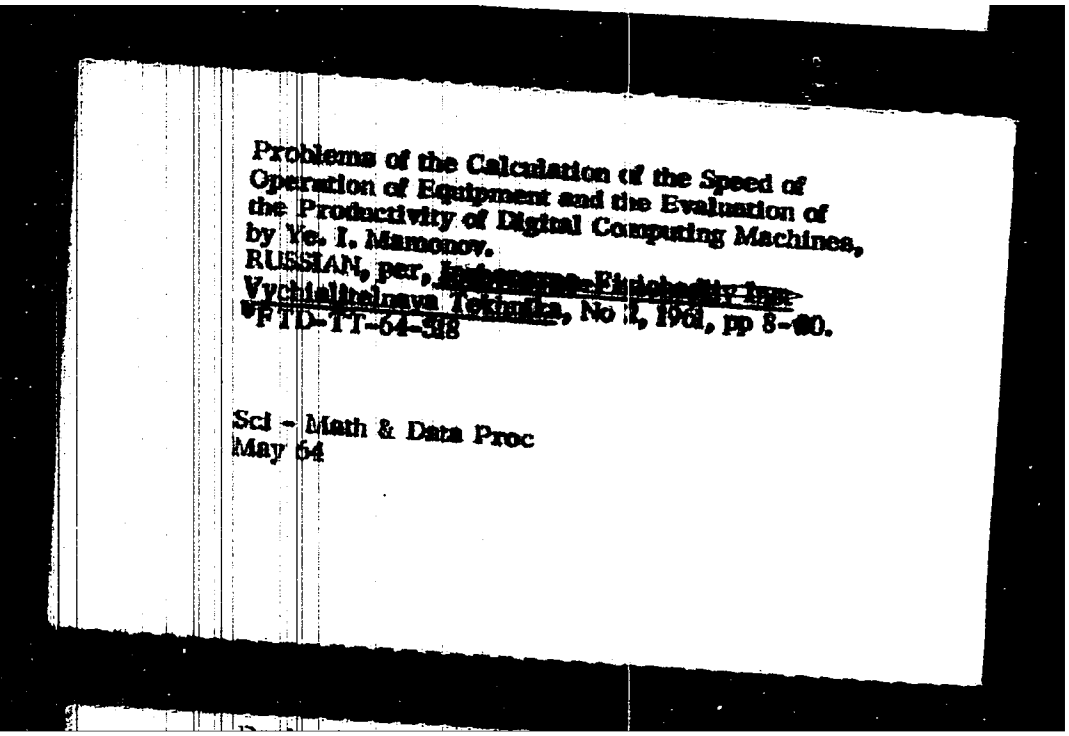

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May 64

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Jun 65

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SCI - PHYS

JAN 63

220,974

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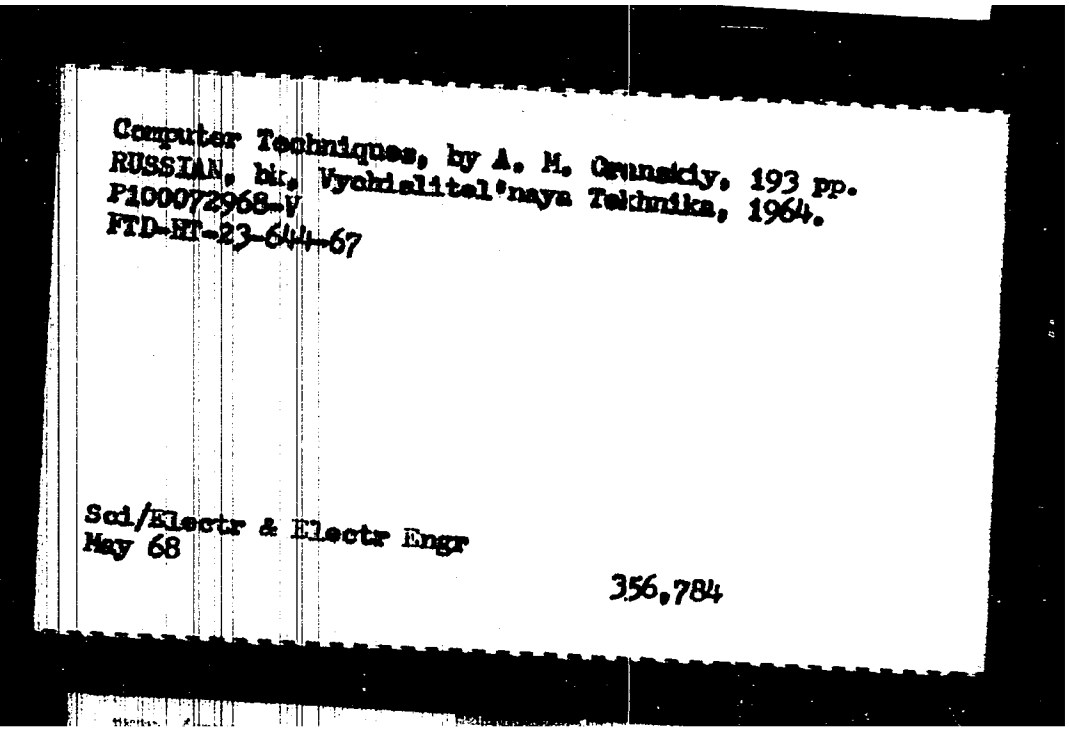

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May 68

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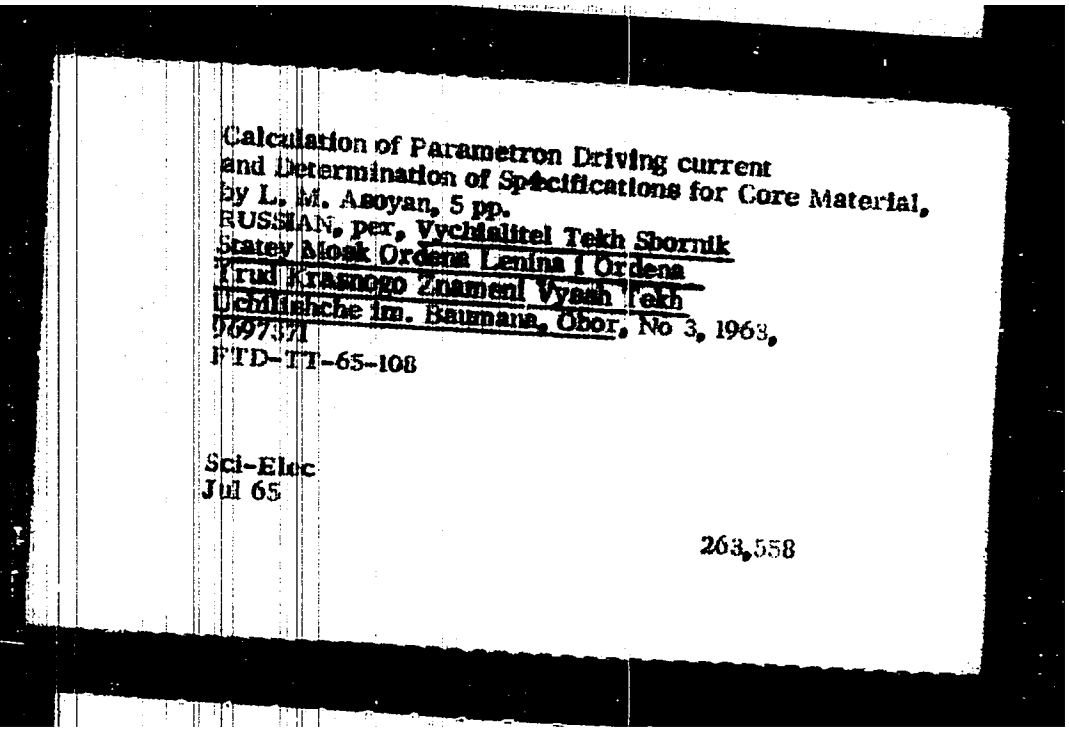

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RUSSIAN, per, Vychislitel Tekh Sbornik
Statey Mosk Ordena Lenina I Ordena
Trud Krasnogo Znameni Vyssh Tekh
Uchilishche im. Baumana, Obor, No 3, 1963,
97973T
FTD-TT-65-108

Sci-Elec
Jul 65

263,558

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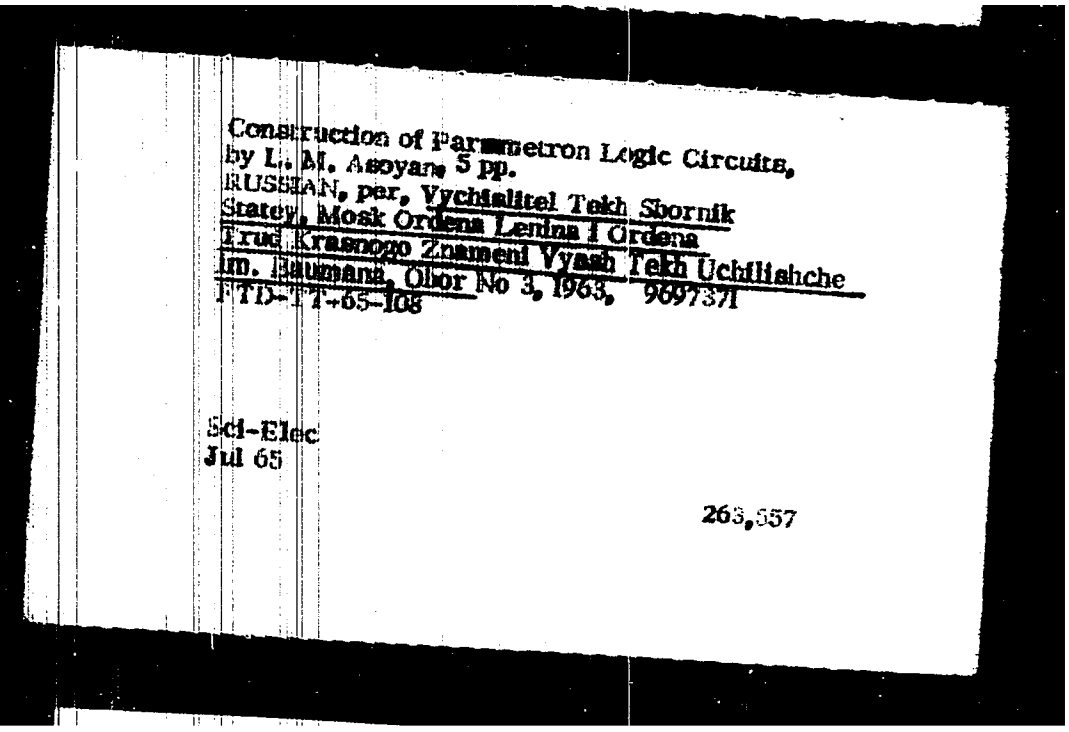

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Strateg. Mosk Ordena Lenina I Ordena
Trud. Krasnogo Znameni Vyssh Tekh Uchilishche
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Sci-Elec
Jul 65

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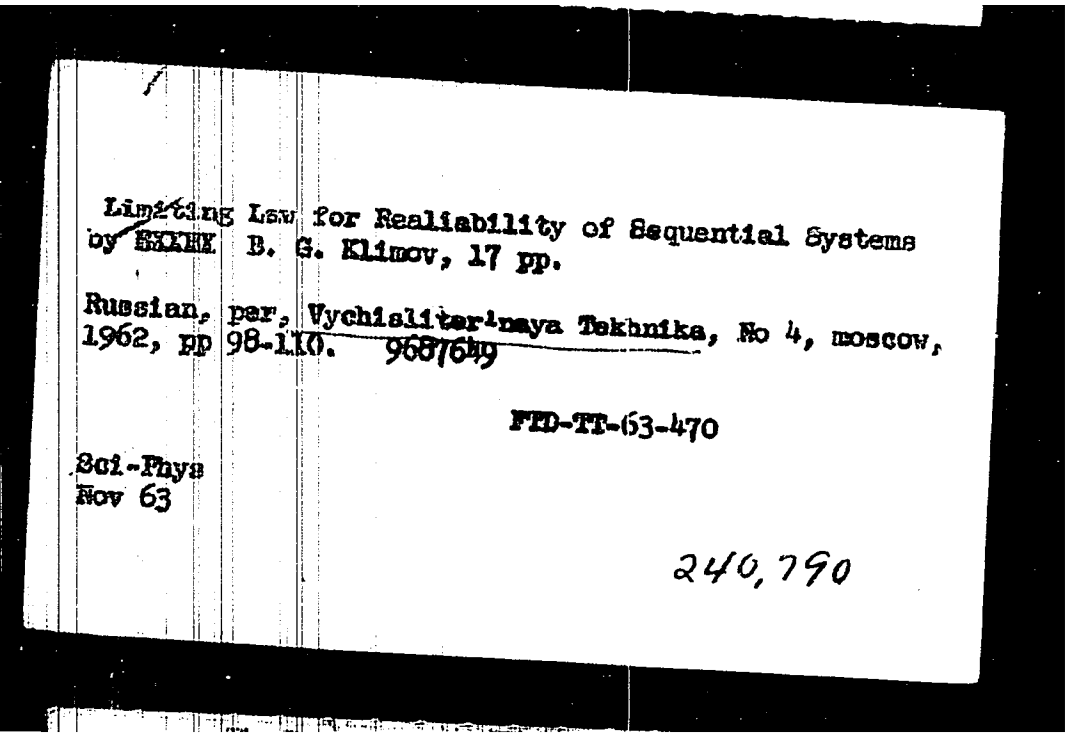

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Nov 63

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Feb 68

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Sci - M & D Proc
Feb 66

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Jun 67

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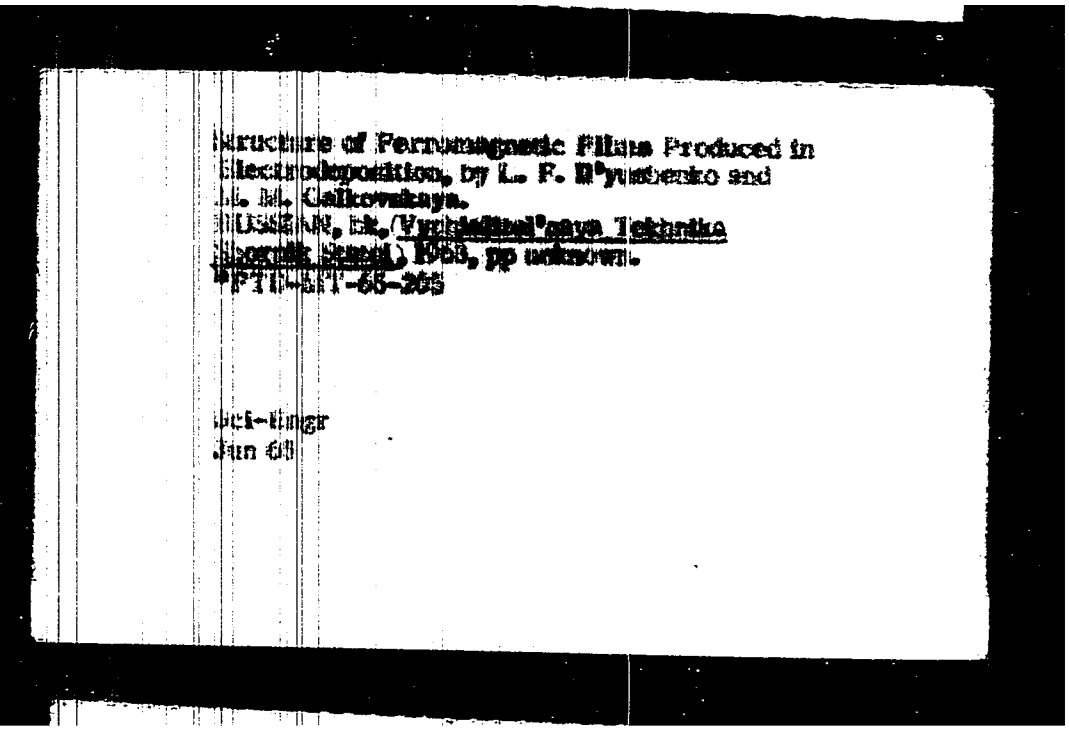

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FTD-HT-65-265

Dci-linger
Jun 68

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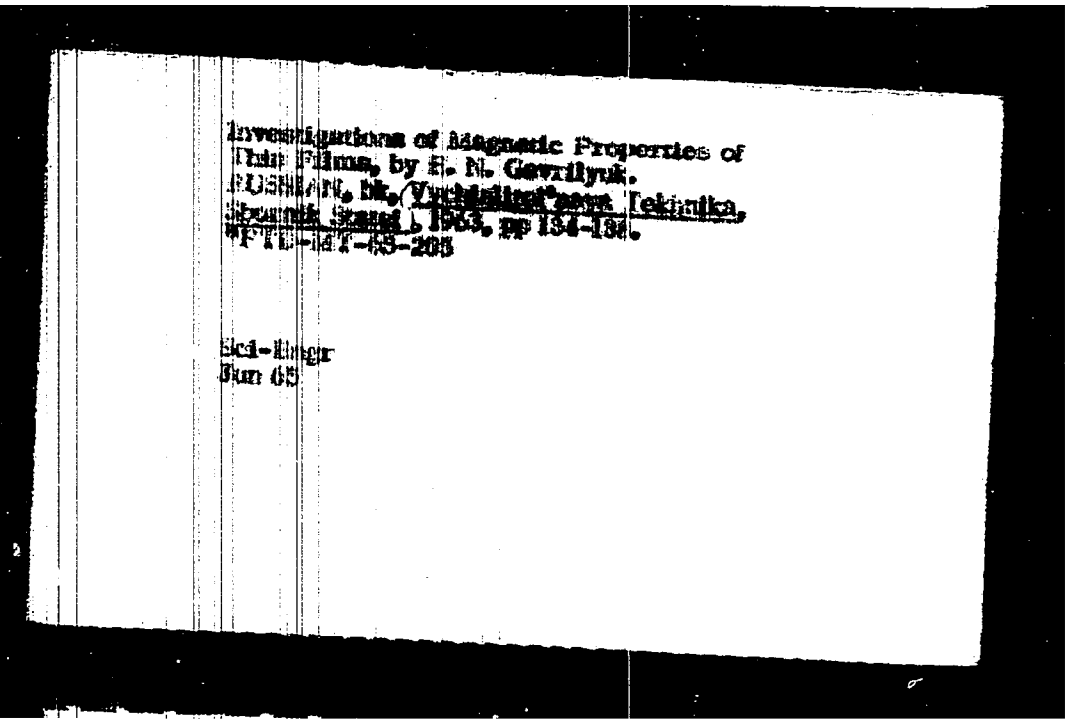

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Dec 67

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by A. M. Shaumam and M. K. Chirkov,
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*FTD-HT-66-36

Sci-Electr & Elect Engr
Jan 67

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Jul 65

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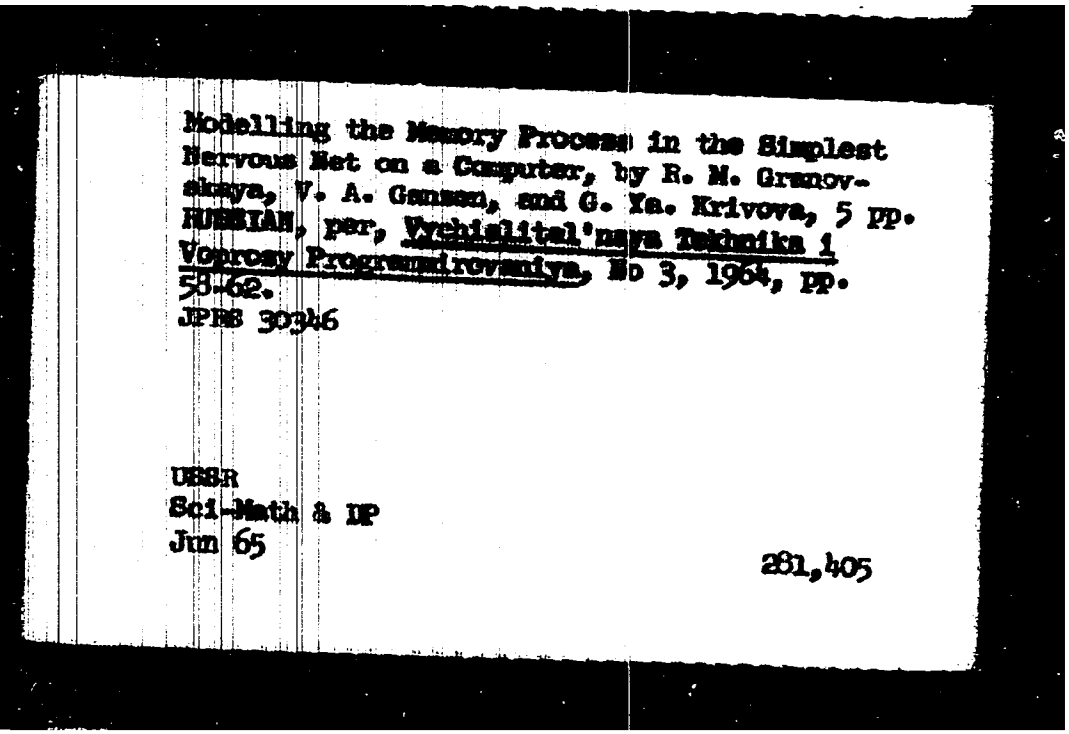

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Jun 65

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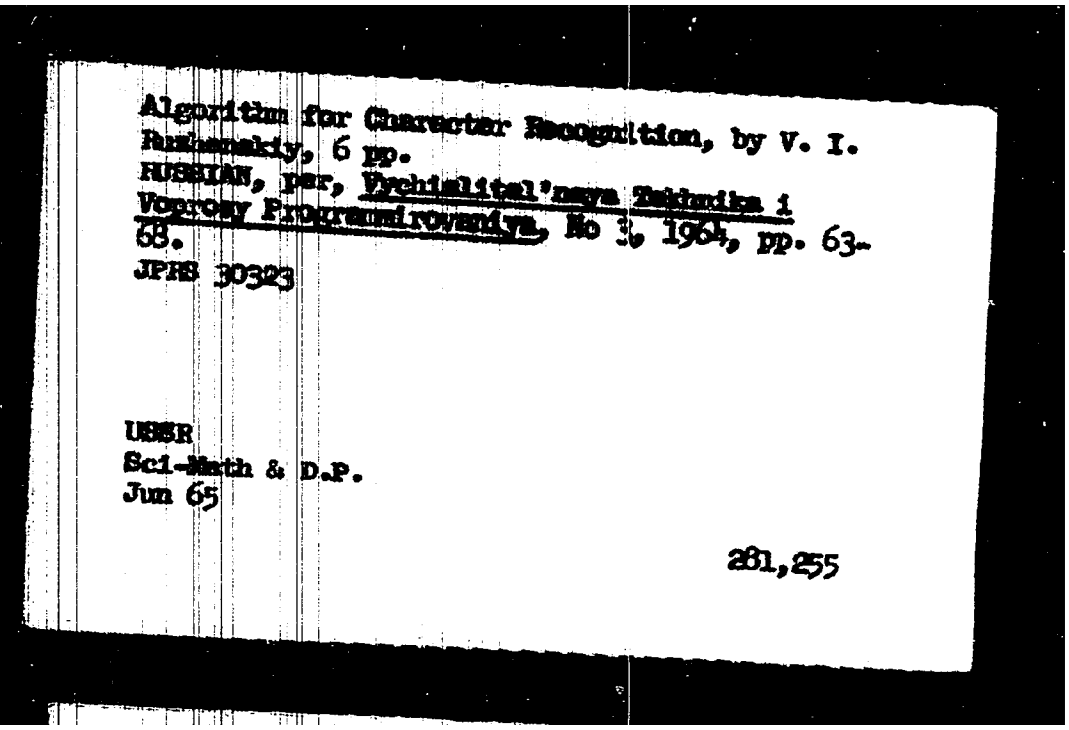

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Jun 65

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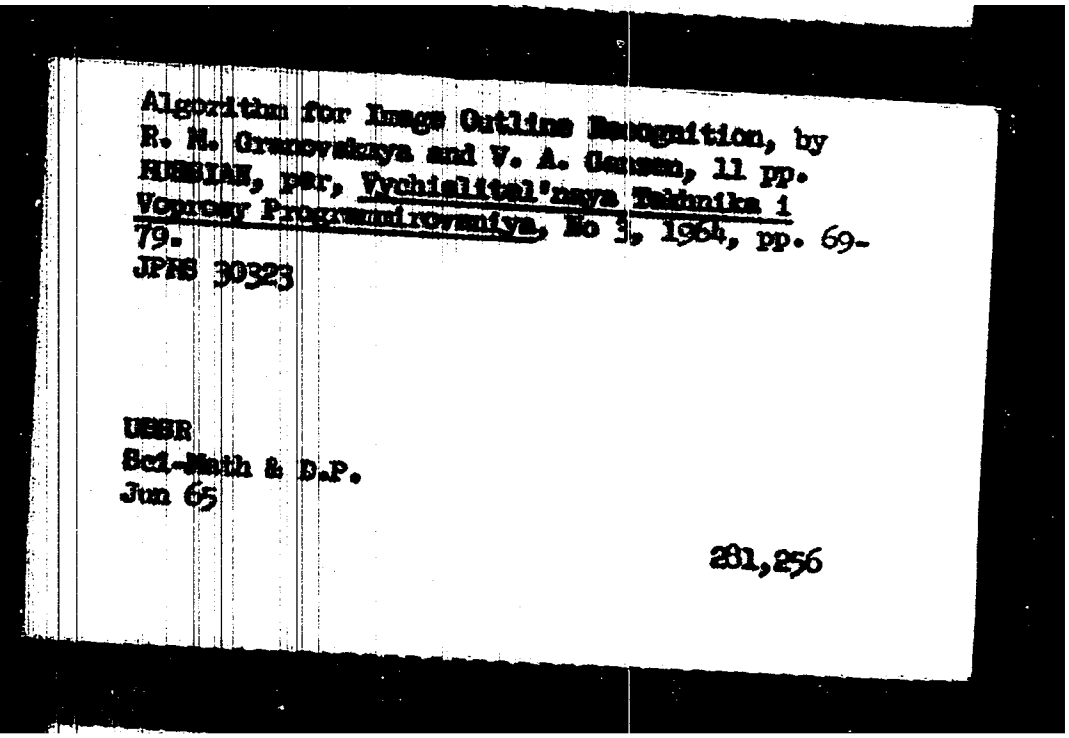

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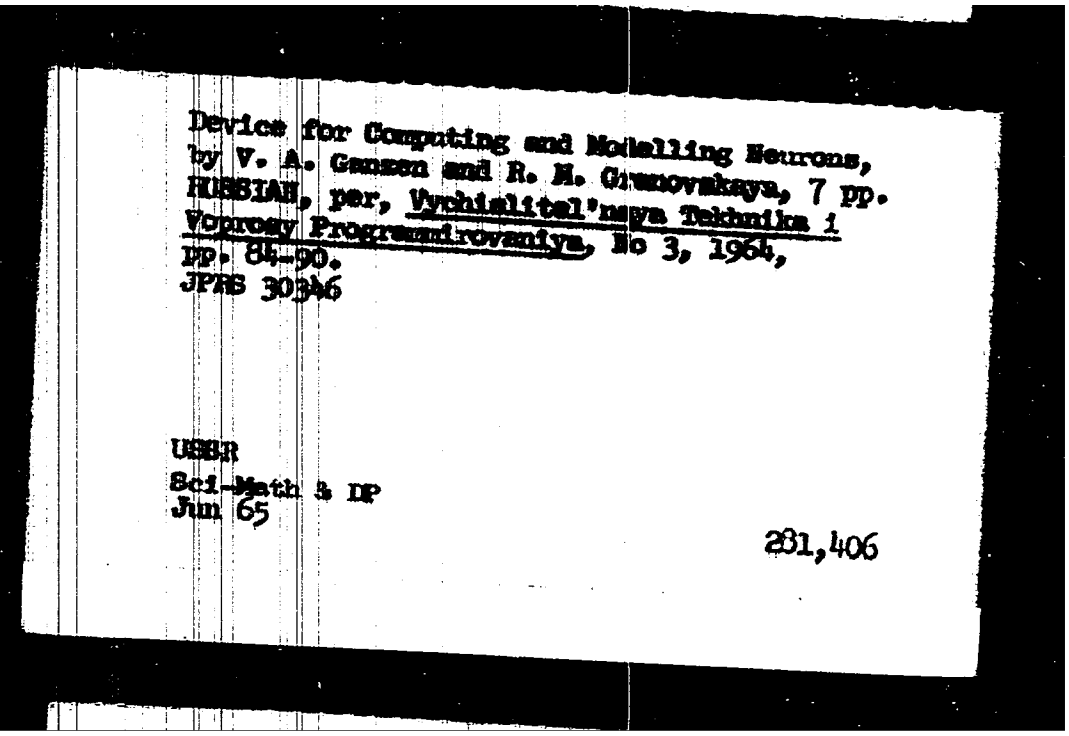

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CSO-1801 (AP)

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Sci
Mar 65

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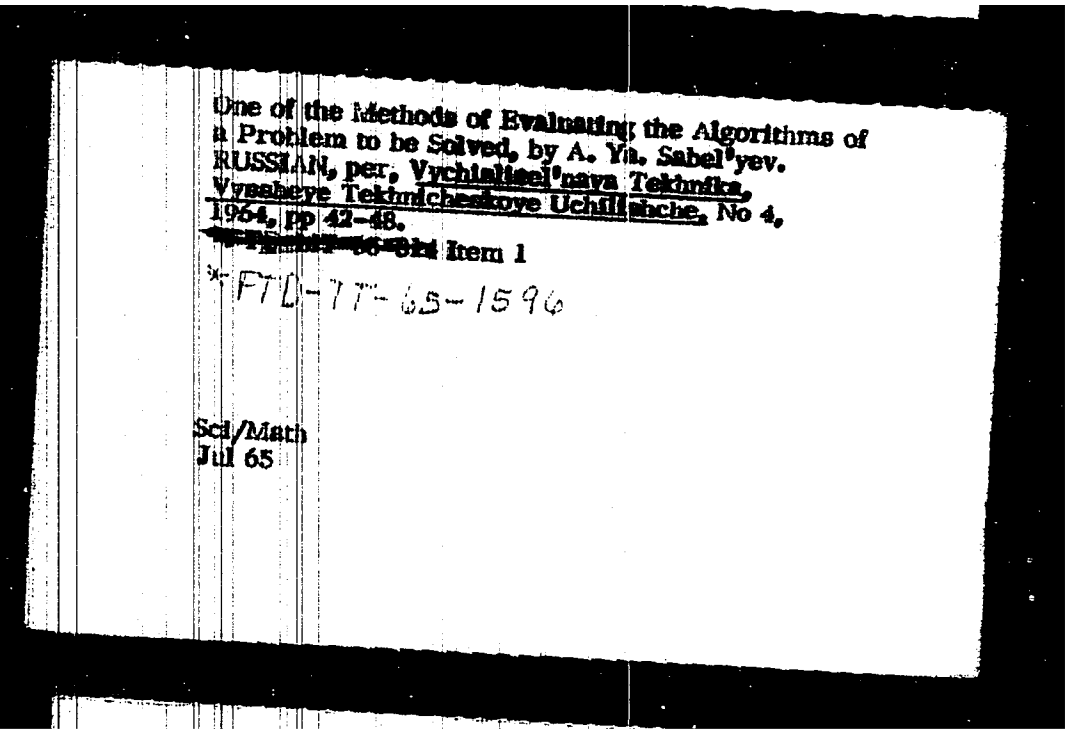

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[illegible] Item 1

FTD-TT-65-1596

Sci/Math
Jul 65

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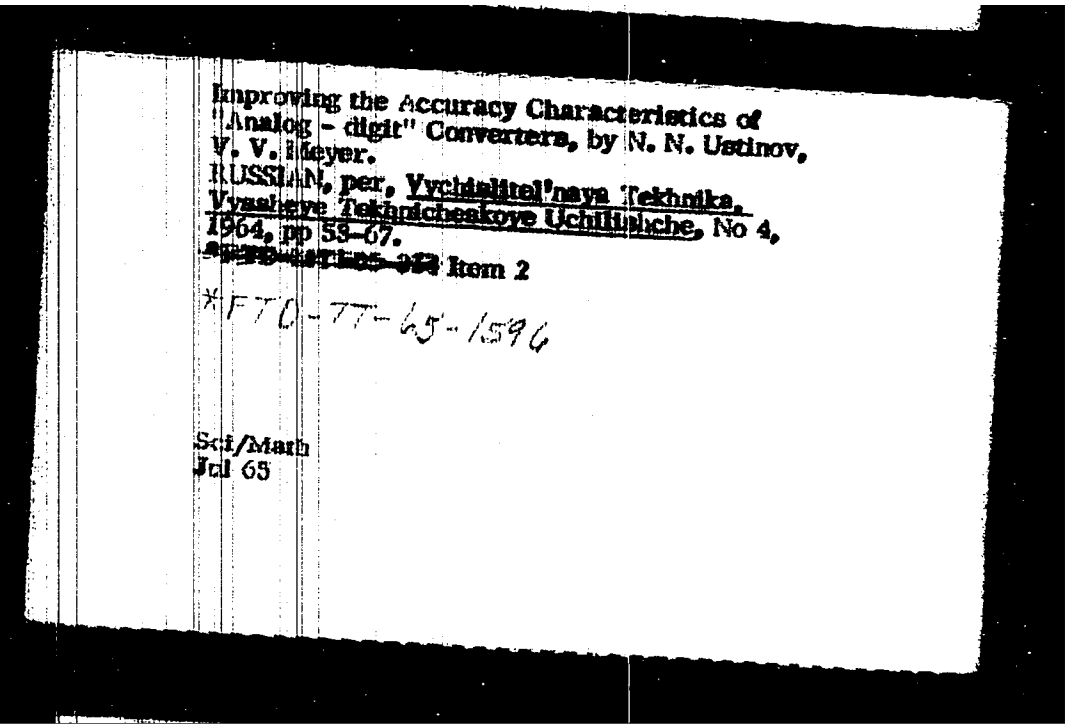

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[illegible] Item 2

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Sci/Math
Jul 65

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Sci - Phys
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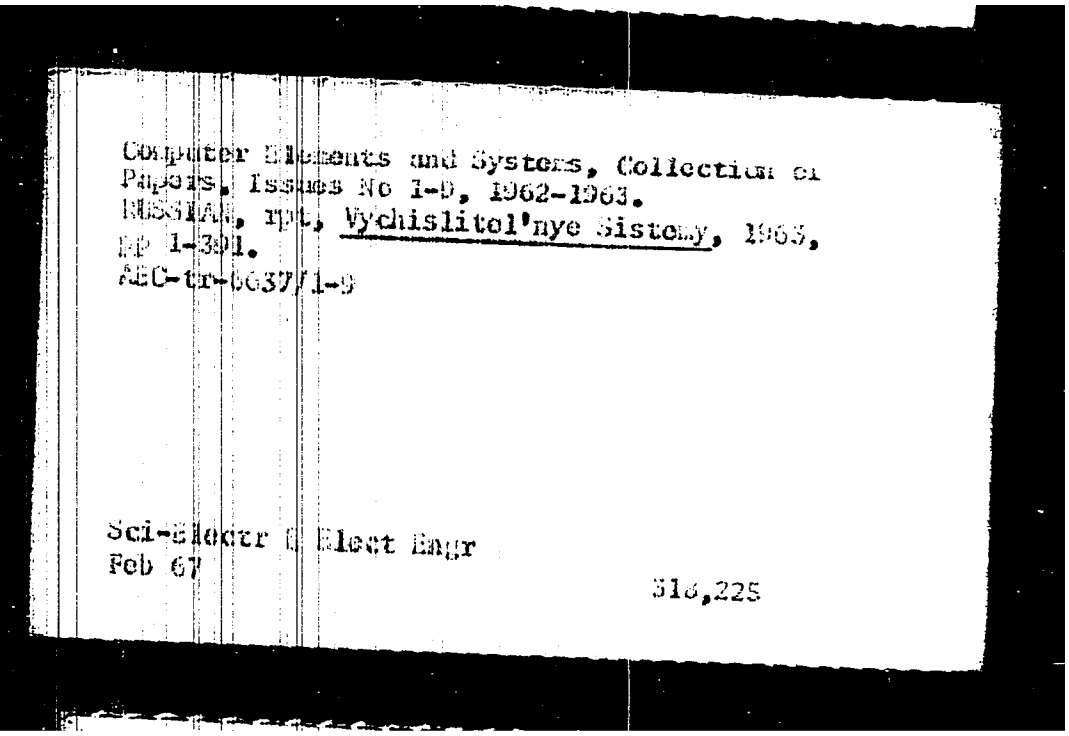

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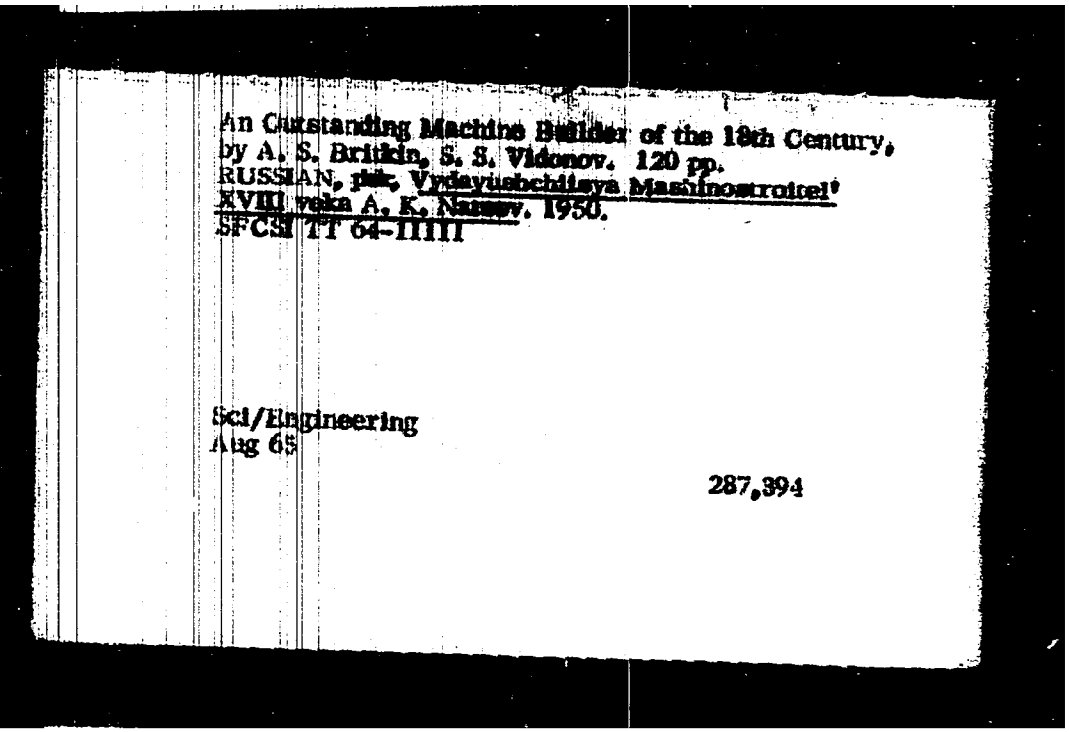

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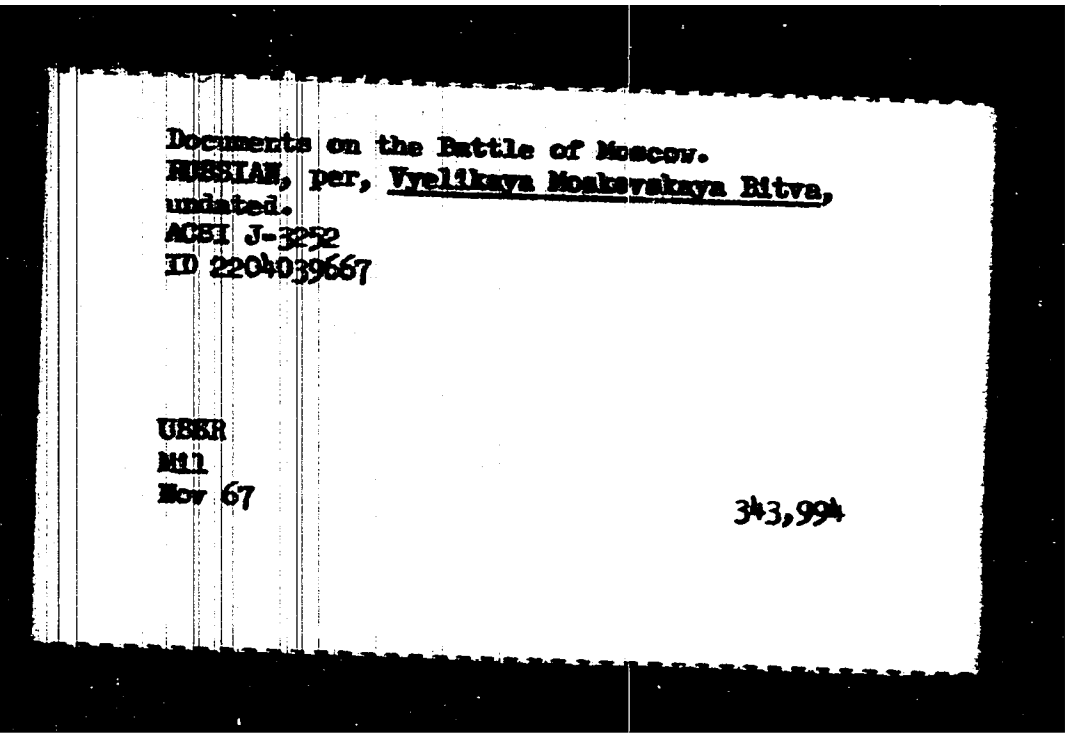

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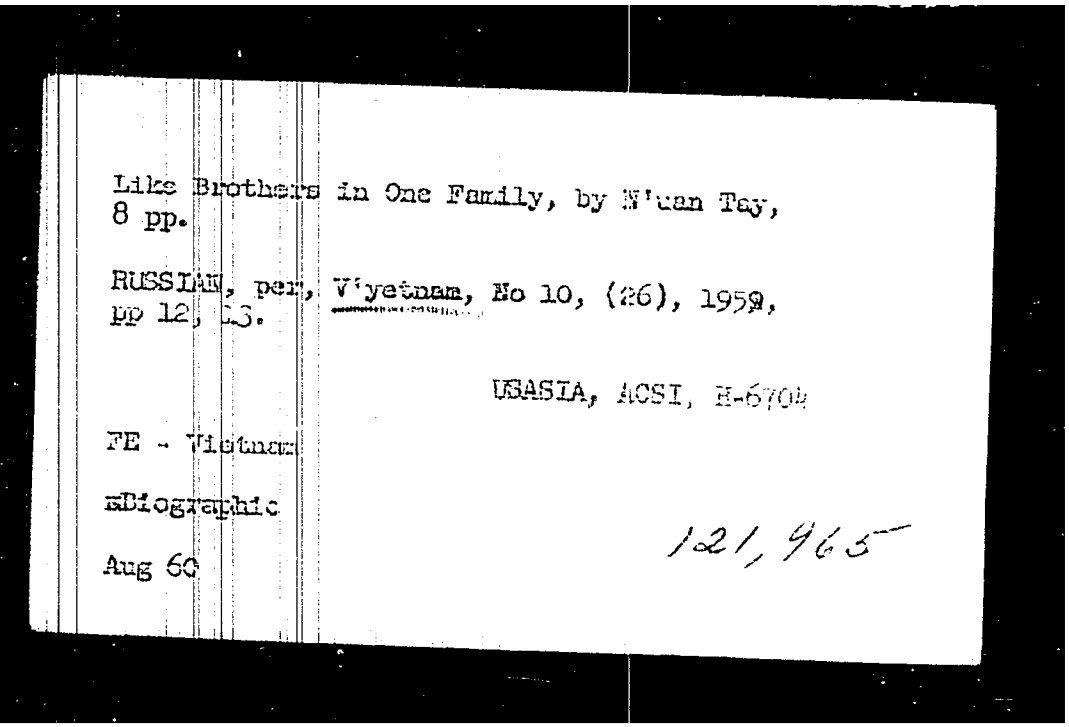

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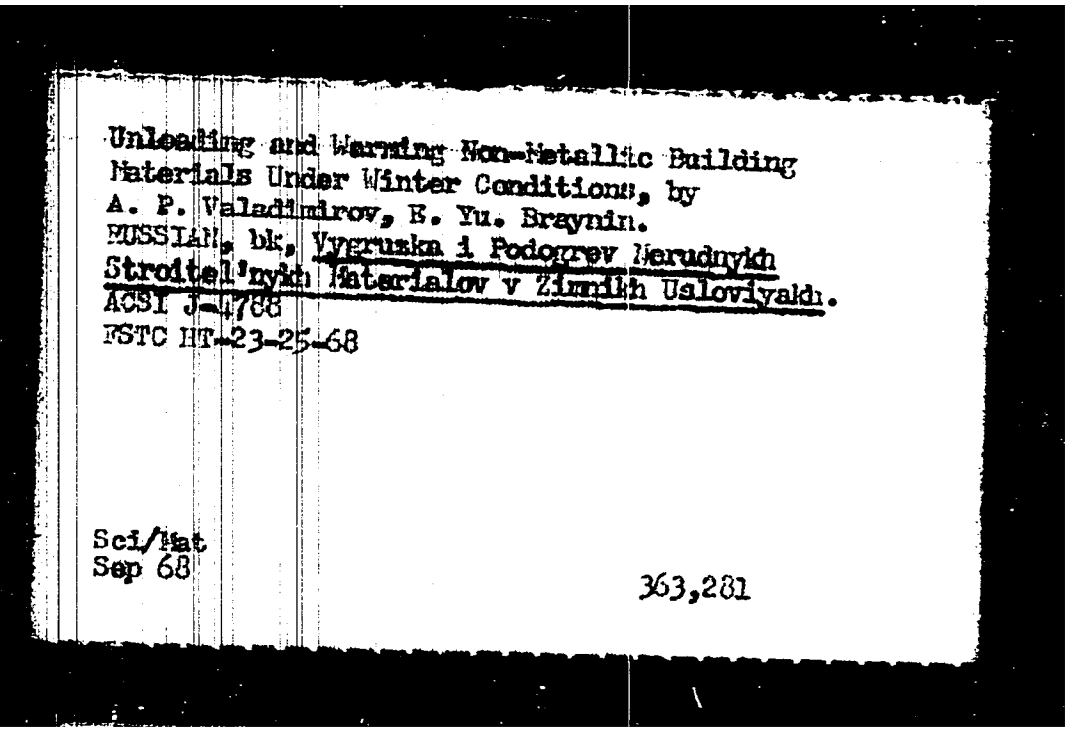

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